**You must SHOW ALL WORK to receive full credit.**

**Solve the system by graphing. Solve the system by elimination.**

1. $x=3 and y=-1$ 2. $2x-5y=17 $

 $6x-15y=51$

Solution: (\_\_\_,\_\_\_)

Check:

**Solve the system by substitution.**

3. $x+y=8$

 $y=3x$

**Simplify the following expressions:**

4. $\frac{(3x^{-2})(-4x^{-3})}{(2x^{5})}$ 5. $(3x^{8})(2x^{-4})^{3}$